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Dated: 3/2/06

Signature: [Signature]

(Susan Lanney)

Docket No.: BSWV-P01-007  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Mountjoy *et al.*

Confirmation No.: 3069

Application No.: 10/517,684

Art Unit: 1649

Filed: June 6, 2005

For: MEASUREMENT OF MELANOCORTIN  
PEPTIDES AND USES THEREOF

Examiner: C. M. Borgeest

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 C.F.R. § 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 C.F.R. § 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 C.F.R. § 1.98(a)(2).

An English abstract of a Japanese publication is enclosed as reference CF, which is provided as the concise explanation of the relevance, as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the

information, of the Japanese publication, under 37 C.F.R. § 1.97(a)(3)(i). Applicants submit that an English copy of the translation of the Japanese publication is not within the possession, custody, or control of, or is readily available to any individual designated in 37 C.F.R. § 1.56(c).

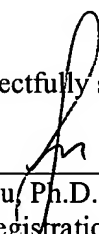
In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. In accordance with 37 C.F.R. § 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 C.F.R. § 1.98 and the Examiner is respectfully requested to consider the listed references.

Applicants believe that no fee is due. However, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. **18-1945**, under Order No. **BSWV-P01-007**.

Dated: March 2, 2006

Respectfully submitted,

By   
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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/517684		
		Filing Date	June 6, 2005		
		First Named Inventor	Kathleen Grace Mountjoy		
		Art Unit	1649		
		Examiner Name	C. M. Borgeest		
Sheet	1	of	1	Attorney Docket Number	BSWV-P01-007

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-6,310,034	10-30-2001	Woychik et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO 00/44898	08-03-2000	AMGEN, INC.		
	BB	WO 99/31508	10-30-2001	MERCK & CO., INC.		
	BC	WO 99/21571	05-06-1999	TREGA BIOSCIENCES, INC.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	KATSUKI et al, "Elevated plasma levels of ( $\alpha$ -MSH) are correlated with insulin resistance in obese men", International Journal of Obesity vol. 24, pp. 1260-1264 (2000).		
	CB	KATSUKI et al, "Plasma Levels of Agouti-Related Protein Are Increased in Obese Men", Journal of Clinical Endocrinology & Metabolism, Vol. 86 No. 5, pp. 1921-1924 (2001).		
	CC	LINCOLN et al, "Hypothalamic control of photoperiod-induced cycles in food intake, body weight, and metabolic hormones in rams", Am. J. Physiol. Regulatory Integrative Comp. Physiol., Vol. 281, pp. R76-R90, (2001).		
	CD	HARROLD et al, "Changes in Hypothalamic Agouti-Related Protein (AGRP), but not $\alpha$ -MSH or Pro-Opiomelanocortin Concentrations in Dietary-Obese and Food-Restricted Rats", Biochemical and Biophysical Research communications, Vol. 258, pp. 574-577 (1999).		
	CE	JACKSON et al., "Proopiomelanocortin Products and Human Early-Onset Obesity", Journal of Clinical Endocrinology and Metabolism, Vol. 84, No. 2, pp. 819-820 (1999).		
	CF	SHINTANI et al, "Obesity induced by abnormality in leptin receptor and melanocortin-4 receptor", Nippon Rinsho, 60(2): pp.404-409, (2002). [English Abstract only].		√

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Application No. (if known): 10/517684

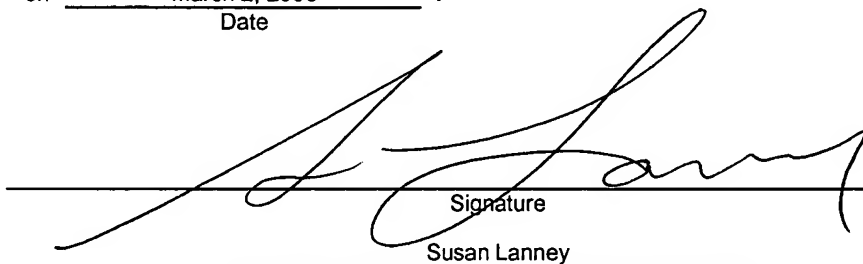
Attorney Docket No.: BSWV-P01-007

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\_\_\_\_\_  
Signature

Susan Lanney

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IDS (Citation) by Applicant (10 References) (1 page)  
Information Disclosure Statement (2 pages)  
References: BA-BC and CA-CF  
Copy of International Search Report from PCT/IB03/02641 (2 pages)  
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